



Sarah Bendok

Agrivoltaics Project at Spaces of Opportunity

Inspired by her volunteer work at Tiger Mountain Foundation where she learned about sustainable agriculture, Sarah dedicated her Gold Award project to reduce carbon emissions through agrivoltaics, co-locating solar panels above crops. Complementing the hydro panels installed by a fellow Gold Awardee, Sarah's project increased crop yields, reduced carbon emissions by 10,000 pounds, saved 55 trees and improved farmers' health and livelihood by providing shade and lower electricity costs. Magnifying her environmental impact, Sarah also held educational agrivoltaics workshops for students, volunteers, teachers and community members who were eager to learn about the potential of agrivoltaics and its role in shaping a more sustainable future. As populations continue to increase, Sarah's initiative will play a crucial role in developing sustainable methods for growing food.

